

A NEW SPECIES OF *LARGULARA* (HOMOPTERA: CICADELLIDAE) FROM BRAZIL^{1,2}

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ABSTRACT: A new species of leafhopper from Brazil is described in the genus *Largulara*.

A new species of the genus *Largulara* DeLong and Freytag was found in material loaned to me by M. W. Nielson. The two known species of the genus were discussed by DeLong and Freytag (1972) and Freytag (1992). This species is described and compared with the other two species. I wish to thank Dr. Nielson for the loan of the material used in this study.

Largulara magnifica new species (Figures 1-5)

Length of male 7.4-7.8 mm., head width 2.1 mm., female unknown. Similar to *fantasa* and *elegans* but with distinct male genitalia.

External morphology and color nearly identical to *elegans* and *fantasa*.

Male genitalia: Genital plates more than two times longer than broad, with two long tufts of setae, one laterally at base and one at apex (Fig. 3). Pygofer without processes, apical margin slightly lobed (Fig. 5). Style broadened near middle, ventral margin thickened, apex pointed and slightly hooked (Fig. 4). Aedeagus with stout shaft, ventrally flattened, with pair of subapical spines; basal processes stout, curving outward, then back toward shaft, with small setal spine on inner margin near middle (Figs. 1-2).

Holotype male, Brazil—Rondonia, 7 km E Costa Marques, 03-11 Oct. 1987, malaise trap, T. Klein, in the California Academy of Sciences Collection. Paratype males: one, same data as holotype, in the University of Kentucky Collection; one, Brazil—Rondonia, 8 km + 2 km W of Costa Marques, 11-13 April 1987, malaise trap, T. Klein, in the Oregon State University Collection.

This species can be separated from *fantasa* (DeLong and Freytag) and *elegans* Freytag by the following key:

Key to Species of *Largulara*

1. Paired basal processes of aedeagus with spine-like processes near middle.....2
- 1'. Paired basal processes of aedeagus with setal-like processes near middle (Fig. 1 and 2)
Brazil*magnifica* n. sp.
2. Aedeagal shaft with lateral subapical spine-like processes Venezuela.....*elegans* Freytag
- 2'. Aedeagal shaft with lateral bifurcate subapical setal-like processes Peru*fantasa*
(DeLong and Freytag)

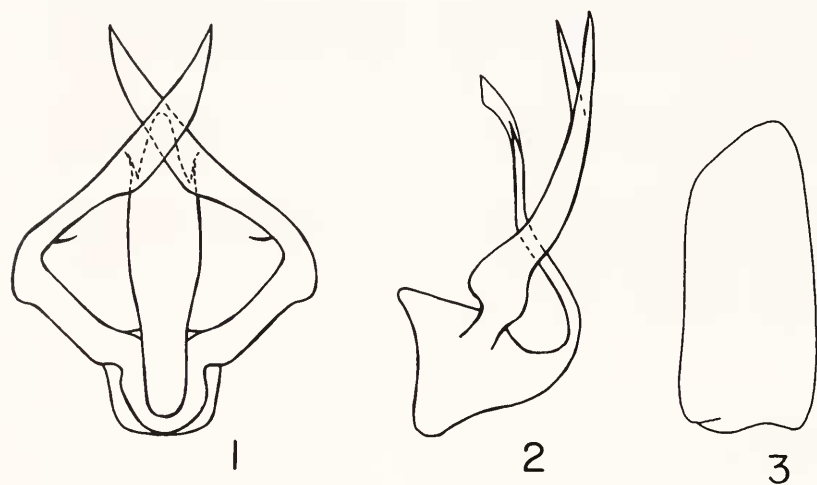
LITERATURE CITED

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- Freytag, P., H. 1992. A new species of the Genus *Largulara* (Homoptera: Cicadellidae). Trans. Ky. Acad. Sci., 53:139-140

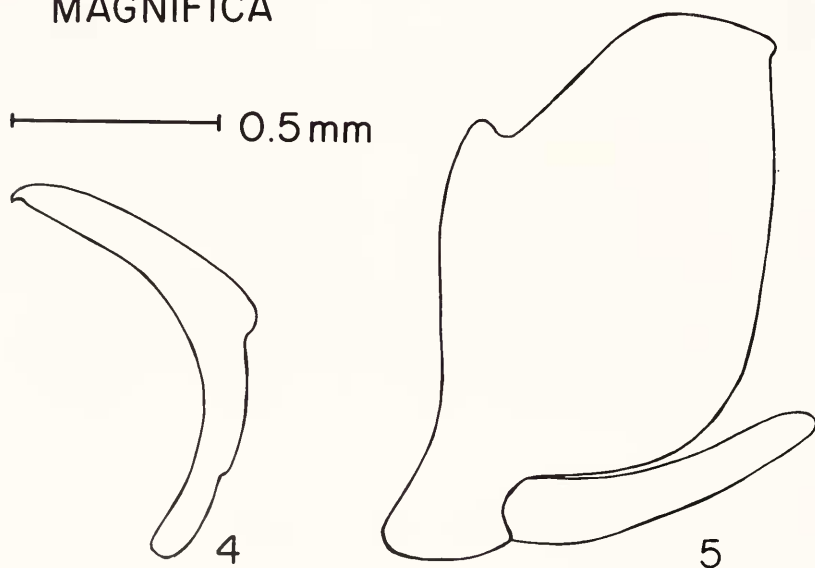
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**MAGNIFICA**

|-----| 0.5 mm



Figures 1-5 *Largulara magnifica* n. sp., male genitalia 1. aedeagus, ventral view, 2. aedeagus, lateral view, 3. genital plate, ventral view (setae not shown), 4. style, lateroventral view, 5. pygofer and genital plate, lateral view (setae not shown). All drawn to the same scale.